## Western Massachusetts Electric Company 2008 Manhole Event Tracking

| Report ID | Manhole Report Type | Number of<br>Customers<br>Interrupted | Customer<br>Outage Hours | Cause            | Failure<br>Date | Failure<br>Time | Weather | Town        | Street  | Feeder | Voltage<br>Class | Manhole<br>Number | Date of Most<br>Recent<br>Manhole<br>Inspection | Manhole<br>Cover Type          | Cover<br>Dislodged?<br>(Y/N)* | Failed<br>Equipment<br>Type | Estimated<br>Age of Failed<br>Equipment | Cable Type (if applicable) | Gas<br>Detected<br>(Y/N) | Injury<br>(Y/N) | Associated<br>Accident ID | Comments   |
|-----------|---------------------|---------------------------------------|--------------------------|------------------|-----------------|-----------------|---------|-------------|---------|--------|------------------|-------------------|---|--------------------------------|-------------------------------|-----------------------------|---|----------------------------|--------------------------|-----------------|---------------------------|--|
| 1         | Smoke               | 1                                     | 0.5                      | Joint<br>failure | 2/6/2008        | 10:33           | Rain    | Springfield | Main St | 6C15   | 13.8             | 977B/48           | N∖A   | Solid with vent holes in cover | Y                             | Joint                       | 10-20 years                             | PILC                       | N                        | N               | N\A                       | Branch joint Failure (1 of 3) in manhole 977B/48 at Main and Harrison Sts Customer swapped to alternate circuit. Splice log ID #199, event 981145, No explosion recorded   |
| 2         | Smoke               | 0                                     | 0                        | N\A              | 2/14/2008       | 11:01           |         | Springfield | Main st | N\A    | 208              | 977B/73M          | NVA   | UKN                            | N                             | N\A                         | N\A                                     | N\A                        | N                        | N               | N\A                       | This was reported by the automated system but turned out to be steam only problem found was that a secondary needed to be retaped. My e-mail dated 2/15/08 indicated it would not be included in this report, but I decided to include it for reference. |
|           |                     |                                       |                          |                  |                 |                 |         |             |         |        |                  |                   |   |                                |                               |                             |   |                            |                          |                 |                           |  |

<sup>\*</sup>A "YES" response indicates that the manhole cover was either "AJAR" or "OFF CASTING"

Data from 1/1/08 through 3/31/08

Contacts: James P. Kearney at (413) 787-9498 or Michael T. Smith at (413) 787-9303

|            |                |                  |              |                 |                      |                    | WLSII                                      |                |                      | HUSETTS   |        |                    |            | 1        |                                       |  |
|------------|----------------|------------------|--------------|-----------------|----------------------|--------------------|--|----------------|----------------------|-----------|--------|--------------------|------------|----------|---------------------------------------|--|
|            |                |                  |              |                 |                      |                    |  | 2008 I         | ELEVAT               | ED VOL    | TAGE F | REPORT             | •          |          |                                       |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
|            |                |                  | Time of      |                 |                      | Impacted           | Equipment Owner<br>(Utility/Municipality/C |                | Measured<br>Elevated | Immediate | Repair | Post<br>Mitigation |            | Injury   | Asso.                                 |  |
| eport ID   | Ву             | Event            | Event        | Town            | Street               | Equipment          | ustomer)                                   | Condition      | Voltage              | Action    | Туре   | Voltage            | Mitigation | (yes/No) | Accident ID Comments                  |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
| O EVENT    | S through 3/   | 31/08            |              |                 |                      | _                  |  | 1              |                      | 1         | 1      | _                  |            | 1        |                                       |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
| OTE: Loca  | ations found o | luring test with | less than 0. | 1 volts measure | ed and found to requ | uire no corrective | action upon inspection ar                  | e not reported | d.                   |           |        |                    |            |          |                                       |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |
| ta from 1. | /1/08 through  | 3/31/08          |              |                 |                      | •                  |  |                |                      |           |        |                    |            |          | · · · · · · · · · · · · · · · · · · · |  |
|            |                |                  |              |                 |                      |                    |  |                |                      |           |        |                    |            |          |                                       |  |